

ABSTRACT OF THE DISCLOSURE

5 A saw such as a chop saw, a circular saw, a compound miter saw or
a sliding compound miter saw having a rotatable saw blade is provided with a laser
arbor alignment system. The laser arbor may include a power generator that
generates power as the saw blade and the laser arbor are rotated by a spindle. The
generator may include a stator comprising an electrical magnet or a permanent
magnet mounted on a fixed portion of the saw. The other portion of the generator
is a rotor comprising a coil that is rotated with the laser arbor to generate power for
the laser. Power may also be provided to the laser by slip ring contacts from a
10 stationary source to the laser arbor.

202507-012502